

§Appl. No. 09/372,036  
Amdt. dated April 30, 2004  
Reply to Office Action of, October 30, 2003

**Listing of Claims:**

Please **amend** the claims as follows:

**Claims 1-38 (Cancelled)**

**Claim 39 (Previously Presented)** An isolated peptide from the p60 protein of *Listeria monocytogenes*, selected from formulae (IVa) or (IVd)

X<sup>3</sup>ProValAlaProThrGlnX<sup>4</sup> (IVa) (SEQ ID NO:17)

X<sup>3</sup>GlnGlnThrAlaProLysAlaProThrX<sup>4</sup> (IVd) (SEQ ID NO:20)

wherein

X<sup>3</sup> and X<sup>4</sup> are each, independently, hydrogen or 1-7 additional amino acids.

**Claim 40 (Previously Presented)** A peptide of claim 39, selected from SEQ ID NOs: 26, 29, 30 or 31.

**Claim 41 (Previously Presented)** An immunogenic conjugate which comprises a peptide of claim 39.

**Claim 42 (Currently Amended)** An isolated antibody which specifically binds to an epitope selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20,

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26, 29, 30 and 31 of the p60 protein from *Listeria monocytogenes* and wherein said antibody does not ~~cross~~-react with an epitope from other non-pathogenic *Listeria* species.

**Claim 43 (Currently Amended)** An isolated antibody which can be prepared by immunizing an experimental animal with a peptide selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20, 26, 29, 30 and 31, or with an immunogenic conjugate which comprises a peptide selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20, 26, 29, 30 and 31, wherein said antibody specifically binds to the p60 protein from *Listeria monocytogenes* and does not react with an epitope from other non-pathogenic *Listeria* species.

**Claim 44 (Previously Presented)** A process for preparing an antibody which specifically binds to the p60 protein from pathogenic *Listeria*, comprising  
immunizing an experimental animal with an immunogen, wherein said immunogen is the peptide SEQ ID NO: 17 or 20, or an immunogenic conjugate which comprises the peptide SEQ ID NO: 17 or 20, and  
isolating the thus-produced antibody.

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**Claim 45 (Previously Presented)** A process of claim 44, wherein the immunogenic conjugate comprises the peptide, SEQ ID NO: 26, 29, 30 or 31.

**Claim 46 (Previously Presented)** A method of detecting pathogenic listeria, comprising incubating a sample which may contain pathogenic listeria with an antibody of claim 42.

**Claim 47 (Previously Presented)** A method of detecting pathogenic listeria, comprising incubating a sample which may contain pathogenic listeria with an antibody of claim 43.

**Claim 48 (Previously Presented)** A kit for detecting pathogenic listeria by immunoassay, comprising an antibody of claim 42.

**Claim 49 (Previously Presented)** A kit for detecting pathogenic listeria by immunoassay, comprising an antibody of claim 43.

**Claim 50 (Previously Presented)** An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 26.

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**Claim 51 (Previously Presented)** An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 29.

**Claim 52 (Previously Presented)** An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 30.

**Claim 53 (Previously Presented)** An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 31.

**Claim 54 (Previously Presented)** An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 17.

**Claim 55 (Previously Presented)** An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 26.

**Claim 56 (Previously Presented)** An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 29.

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**Claim 57 (Previously Presented)** An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 30.

**Claim 58 (Previously Presented)** An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 31.

**Claim 59 (Previously Presented)** The antibody of claim 42 which is a polyclonal antibody.

**Claim 60 (Previously Presented)** The antibody of claim 42 which is a monoclonal antibody.

**Claim 61 (Previously Presented)** The antibody of claim 43 which is a polyclonal antibody.

**Claim 62 (Previously Presented)** The antibody of claim 43 which is a monoclonal antibody.

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**Claim 63 (Previously Presented)** An isolated antibody of claim 42, which consists essentially of an antibody which specifically binds an epitope from the peptide SEQ ID NO: 17, 20, 26, 29, 30 or 31.

**Claim 64 (Previously Presented)** An isolated antibody of claim 63, which is a polyclonal antibody.

**Claim 65 (Previously Presented)** An isolated antibody of claim 63, which is a monoclonal antibody.

**Claim 66 (Cancelled)**

**Claim 67 (Previously Presented)** An isolated antibody of claim 42, which is a polyclonal antibody.

**Claim 68 (Previously Presented)** An isolated antibody of claim 42, which is a monoclonal antibody.

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**Claim 69 (Previously Presented)** A composition comprising at least two monoclonal antibodies each of which binds an epitope from a different said peptide according to claim 42.

**Claim 70 (Previously Presented)** The composition according to claim 69, wherein said monoclonal antibodies are prepared by immunizing with different said peptides, or different immunogenic conjugates containing said peptides.

**Claim 71 (Previously Presented)** An isolated antibody of claim 43 which consists essentially of an antibody which specifically binds to an epitope from the peptides of SEQ ID NO: 17, 20, 26, 29, 30 or 31.

**Claim 72 (Previously Presented)** An isolated antibody of claim 43, wherein said animal is a sheep, goat, rabbit or mouse.